INTERNATIONAL SEARCH REPORT

A.	CLAS	SIFICA	MOITA	OF S	SUBJECT	MATTE
	PC 7	7	1041	29	/06	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 99379 A (GILBERT MARTIN) 27 December 2001 (2001-12-27) abstract; figures 3-8 page 2-8 claims 1-3	1-8
X	WO 01 30039 A (NORTEL NETWORKS LTD; HUDSON JOHN (GB)) 26 April 2001 (2001-04-26) abstract page 3, line 28 -page 4, line 5 page 4, line 23 - line 29 page 6, line 9 - line 16 page 6, line 23 - line 29 page 7, line 1 - line 3 page 11, line 19 - line 22 page 12, line 11 - line 20 page 18, line 20 - line 29	1,4,6,7

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the
considered to be of particular relevance 'E' earlier document but published on or after the international	invention "X" document of particular relevance; the claimed invention
filing date 'L' document which may throw doubts on priority claim(s) or	cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
which is cited to establish the publication date of another citation or other special reason (as specified) *O* document reterring to an oral disclosure, use, exhibition or	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-
other means 'P' document published prior to the international filing date but	ments, such combination being obvious to a person skilled in the art.
later than the priority date claimed	'&' document member of the same patent family Date of mailing of the international search report
Date of the actual completion of the international search	Date of maining of the international scales report
11 August 2003	20/08/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Pereira, M

INTERNATIONAL SEARCH REPORT

PCT/IB_03/00570

0.100=11=11	ation) DOCUMENTS CONSIDERED RELEVANT	101/10	
Category °			Relevant to claim No.
Calegory	Ollation of document, with indication, when the appropriate propriate propri		
X	WO 01 08361 A (IRONBRIDGE NETWORKS INC) 1 February 2001 (2001-02-01) abstract figures 1-3 page 2, line 4 -page 3, line 17 page 4, line 23 -page 5, line 12 claim 1		1,4,6,7
A	US 4 703 475 A (DRETZKA ELLEN E ET AL) 27 October 1987 (1987-10-27) abstract		1-8
			·
	/	7	

INTERNATIONAL SEARCH REPORT

PC1/1Bg	122/UU5	/U
---------	---------	----

		1			
Patent document cited in search report		date		Patent family member(s)	Publication date
WO 0199379	Α	27-12-2001	GB	2363948 A	09-01-2002
			ΑU	2016701 A	02-01-2002
			AU	7424301 A	02-01-2002
			AU	7426401 A	02-01-2002
			WO	0199379 A1	27-12-2001
			GB	2363949 A	09-01-2002
			WO	0199380 A1	27-12-2001
			MO	0199381 A1	27-12-2001
 WO 0130039	A	26-04-2001	AU	7806900 A	30-04-2001
010000			CA	2387594 A1	26-04-2001
			ΕP	1224782 A1	24-07-2002
			WO	0130039 A1	26-04-2001
WO 0108361	A	01-02-2001	AU	6356100 A	13-02-2001
0100001	••	32 32 230	WO	0108361 A1	01-02-2001
US 4703475	A	27-10-1987	CA	1264365 A1	09-01-1990
30 7/007/J	,,	2. 25 550.	EP	0224895 A2	10-06-1987
			ĴΡ	62277829 A	02-12-1987